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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>44471/315000</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP2003/013411</b>	INTERNATIONAL FILING DATE <b>October 21, 2003</b>	PRIORITY DATE CLAIMED <b>October 21, 2002</b>
TITLE OF INVENTION <b>DC Converter</b>		
APPLICANT(S) FOR DO/EO/US <b>Mamoru TSURUYA</b>		
Applicant herewith submits to the United States Designated/Elected (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 37(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/531797</b>		INTERNATIONAL APPLICATION NO. PCT/JP2003/013411		ATTORNEY'S DOCKET NUMBER 44471/315000	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee .....		\$300.00		\$300	
<input checked="" type="checkbox"/> b) Examination fee .....		\$200.00		\$200	
<input checked="" type="checkbox"/> c) Search fee .....		\$500.00		\$500	
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$1000.00		\$1000	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
88- 100 =	0/50 =	0		x \$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		\$
Total claims	41- 20 =	21	x \$50.00		\$1050
Independent claims	1 - 3 =	0	x \$200.00		\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$2050			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.					
<b>SUBTOTAL =</b> \$2050					
Processing fees of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
+ \$0					
<b>TOTAL NATIONAL FEE =</b> \$2050					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					
+ \$0					
<b>TOTAL FEES ENCLOSED =</b> \$					
<input type="checkbox"/> <b>Amount to be refunded</b> \$					
<input checked="" type="checkbox"/> <b>Amount to be charged</b> \$2050					
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayments to Deposit to Account No. <u>11-0855</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revise (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:			Certificate of Mailing 37 CFR 1.8(2)(A) Express Mail No.: EV334679639US		
Customer Number 23370 John S. Pratt, Esq. KILPATRICK STOCKTON LLP Suite 2800 1100 Peachtree Street Atlanta, Georgia 30309-4530 404.815.6500					
 <b>Brenda O. Holmes</b> NAME					
<b>40,339</b> REGISTRATION NUMBER					

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Mamoru TSURUYA ) Art Unit: 2811  
Serial No. 10/531,797 )  
(National Phase of PCT/JP2003/013411) ) Examiner: Not Yet Assigned  
Filed: April 18, 2005 )  
For: DC Converter ) Attorney Docket No.: 44471/315000

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

8/9/05

  
Janie Wilkins

Janie Wilkins

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**SUBMISSION OF ENGLISH TRANSLATION OF INTERNATIONAL  
PRELIMINARY EXAMINATION REPORT**

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Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed herewith is an English translation of International Preliminary Examination Report, Form PCT/IPEA/409, and Form PCT/IB/338 received during the international stage of this application.

Respectfully submitted,



Brenda O. Holmes  
Reg. No. 40,339

Kilpatrick Stockton LLP  
1100 Peachtree Street, Suite 2800  
Atlanta, Georgia 30309  
(404) 815-6500